



DOSATRON®

**D 3
Green Line**

The reference
for fertigation

NEW



**Innovation
born out of
experience**

The Dosatron D3 Green Line is the latest generation of Water Powered Volumetric Proportional Injectors. The Dosatron, installed directly in the water supply line, operates by using the flow of water as the power source. The water activates the Dosatron, which takes up the required percentage of fertilizer directly from the container and injects it into the water distribution line.

Innovative technology

Better performance

- Maximum water flow increased to 3 m³/h, without increasing the frequency of the cycles or pressure loss, and while keeping the minimum flow of 10 l/h.
- Accurate, progressive and supple dosing rate setting from 0.2 to 10 % (concentrated additive injection from 0.02 to 300 Liters per hour) depending on the model.
- Larger capacity for suction of viscous products (powders in solution or liquids).

An exceptionally simple product through a refined design

- A highly simplified differential hydraulic piston motor (17 parts instead of 52 previously), based on two new DOSATRON patents. It has no metallic parts, and its refined design is based on a valve tripping system using a thermoplastic blade spring.
 - Better reliability and longer life because there are fewer moving parts.
 - Very easy to assemble/disassemble the motor (either from the top or the bottom, without no tools) assuring guide and easy maintenance.

Perfectly adapted to latest developments and treatments

Chemical resistance / Safety / Ergonomics

- Motor with no metal parts or springs, and a plastic plunger rod.
- Materials chosen for higher chemical resistance and longer endurance.
- Safe labour conditions: the suction tube does not turn while adjustments are being made, and the one piece check valve is protected and secured by its own retaining ring. In case of a human error, there is less risk of the user coming into contact with the chemical.
- For other applications than fertigation, please consult us for the necessary options.



No metal parts,
2 new patents.

Easy and quick maintenance

Clever ergonomic adjustment

- Both % and ratio indications engraved directly in the polypropylene (by laser), with high chemical resistance.
- Adjustment ring with eyelet, for precise dilution (% and ratio).
- The orientation of the entire dosing part can be modified and no tools are necessary to change or remove it.
- Explicit marking of the locking ring function ("lock" and "unlock").



Adjustment
ring with eyelet
for accurate
adjustment.



A one piece
check valve with
its own retaining
ring.



Dosatron's ambition: meeting the increasingly stringent production needs

The Dosatron D3 Green Line is the result of 30 years international crops fertigation experience in greenhouses, nurseries and scientific sites, as well as in gardens, sports grounds and landscaping operations. The D3 Green Line combines and exceeds the best of Dosatron technology and knowhow.

The Dosatron D3 fertigation Green Line models and specifications:

D 3 GL 2

Dosing range: **0.2 - 2 %**
Concentrated additive injection: **0.02 - 60 l/h**
Operating pressure: **0.3 - 6 Bar**

D 3 GL 5

Dosing range: **0.5 - 5 %**
Concentrated additive injection: **0.05 - 150 l/h**
Operating pressure: **0.3 - 6 Bar**

D 3 GL 10

Dosing range: **1 - 10 %**
Concentrated additive injection: **0.1 - 300 l/h**
Operating pressure: **0.5 - 6 Bar**

Water flow range: **10 l/h - 3 m³/h**
Hydraulic motor capacity: **0.53 l**
Inlet/outlet: **3/4" M BSP-NPT**

Summary of the advantages:

The Dosatron D3 Green Line offers new technology and simple use and preventive maintenance for your production. The D 3 GL 2 replaces the DI16 and DI2 and offers a wider dosing range: 0.2 to 2 %. The D3 line also offers PVDF, special seals and by-pass options.



Special seals and PVDF housing for highly concentrated acids and other aggressive concentrates.

Each Dosatron unit is factory tested and registered

CUSTOMER SERVICE - SERVICE CLIENTÈLE

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DOSATRON INTERNATIONAL S.A.S.

Rue Pascal - B.P. 6 - 33370 TRESSES (BORDEAUX) - FRANCE
Tel. 33 (0)5 57 97 11 11 - Fax. 33 (0)5 57 97 11 29 / 33 (0)5 57 97 10 85
e.mail : info@dosatron.com - <http://www.dosatron.com>